

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	For a gas obeying Boyle's law if pressure is doubled, the volume becomes :	A. Remain constant B. Double C. One half D. None of above
2	Question Image	A. Decrease in temperature favour more dissolution of the salt B. Increase in temperature favour more dissolution of the salt C. Lowering pressure favour more dissolution of the salt D. Increasing pressure favour more dissolution of the salt
3	Question Image	A. A primary alcohol B. A secondary alcohol C. An ether D. A phenol
4	Volcanoes produce SO ₂ :	A. 47% B. 57% C. 67% D. 77%
5	Compared to a 1.0M aqueous solution of calcium chloride will have	A. The same freezing and boiling point B. A lower freezing point and lower boiling point C. A lower freezing point and higher boiling point D. A higher freezing point and higher boiling point
6	Bronze is an alloy of Cu and	A. Zn B. As C. Sb D. Sn
7	The substances which soften the polymer are called	A. Stabilizers B. Plasticizers C. Retarders D. Pigments
8	The electron affinity of chlorine may be represented by the equation	
9	Which has sweetish taste?	A. N ₂ O B. NH ₃ C. Cl ₂ D. CO ₂
10	Which of these polymers is a synthetic polymer?	A. Animal fat B. Starch C. Cellulose D. Polyester
11	In Boyle's law which of the following pair remains constant :	A. Temperature and quality of a gas. B. Pressure and quality of a gas. C. Temperature and pressure D. Temperature and quantity of a gas.
12	Pauli's principle is applicable to	A. Degenerate orbits B. Two electrons in the same orbital C. One electron D. None
13	Which is the most reactive?	A. White phosphorus B. Red Phosphorus C. Graphite D. Plastic sulphur
14	Chemical equilibrium involving reactants and products in more than one phase is called	A. Static B. Dynamic C. Homogeneous D. Heterogeneous

15	If the value of principal quantum number is 3. the total possible values for magnetic quantum number will be	A. 1 B. 4 C. 9 D. 12
16	Out of all the elements of group V-A, the highest ionization energy is possessed by	A. N B. P C. Sb D. Bi
17	Electrochemistry is concerned with the conversion of electrical energy into chemical energy in :	A. Galvanic cell B. Electrolytic cell C. Voltaic cell D. Both (a) and (c)
18	The acid present in vinegar is	A. CH_3COOH B. HCl C. H_2SO_4 D. HCOOH
19	In endothermic reaction, the heat content of the	A. Products is more than that of reactants B. Reactants is more than that of products C. Both a and b D. None of the above
20	Isopropyl alcohol on oxidation gives	A. Acetone B. Ether C. Ethylene D. Acetaldehyde